WHAT IS CLAIMED IS:

- A sheet folding and accumulation system which inverts folded 1. sheets to assemble a booklet, the system comprising:
 - a folding mechanism configured to form a fold in a sheet;
 - a saddle for collecting folded sheets into a booklet for binding;

and

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an inverting mechanism for inverting the folded sheet and placing the folded sheet onto the saddle with the peak of the fold in the sheet pointing upward.

- The system of Claim 1, wherein the saddle is located in a fixed 2. position with respect to the folding mechanism.
 - The system of Claim 2, wherein a portion of the folding 3. mechanism is fixed.
- The system of Claim 1, wherein the inverting mechanism is 4. rotatable with respect to the saddle. 15
 - The system of Claim 1, wherein the inverting mechanism is 5. translatable with respect to the saddle.
 - The system of Claim 5, wherein the inverting mechanism 6. includes a belt drive.
- The system of Claim 5, wherein the inverting mechanism 7. 20 includes a gear and rack drive.

- The system of Claim 1, wherein the folding mechanism forms a 10. fold with a peak of the fold in the sheet pointing downward.
 - The system of Claim 10, wherein the folding mechanism includes 11. a blade member positioned above a fold forming member.
- The system of Claim 11, wherein the fold forming member 12. includes a movable roller which is movable along the blade member. 10
 - The system of Claim 1, wherein the folding mechanism forms a 13. fold with a peak of the fold in the sheet pointing upward and a supplemental drive device is arranged to move the folded and inverted sheet onto the saddle causing the fold to break back on itself.
- The system of Claim 13, wherein the folding mechanism includes 14. 15 a blade member positioned below a fold forming member.
 - The system of Claim 1, wherein the inverting mechanism lifts a 15. trailing edge of the sheet and passes the trailing edge of the sheet over a leading edge of the sheet and places the inverted sheet on the saddle.
- The system of Claim 1, comprising a drive mechanism for 16. 20 delivering the sheets to the folding mechanism and then to the saddle.

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- 17. A method of folding and accumulating sheets into a booklet, the method comprising:
- a) folding a sheet in preparation for assembling the sheet into a booklet;
- 5 b) inverting the sheet and placing the inverted sheet onto a saddle with a peak of a fold in the sheet pointing upward;
 - c) repeating steps a) and b) with a plurality of sheets to form a stack of folded sheets on the saddle; and
- d) binding the stack of sheets on the saddle to form a booklet.
 - 18. The method of Claim 17, wherein the sheet is inverted by lifting a trailing edge of the folded sheet over a leading edge of the sheet.
- 19. The method of Claim 17, wherein the sheets are placed on a fixed saddle.
 - 20. The method of Claim 17, wherein the folding step forms a fold in the sheet with a peak of the fold pointing downward.
 - 21. The method of Claim 17, wherein the folding step forms a fold in the sheet with a peak of the fold pointing upward.
- 20 22. The method of Claim 21, wherein the step of inverting the sheet includes causing the fold formed in the folding step to break back on itself.